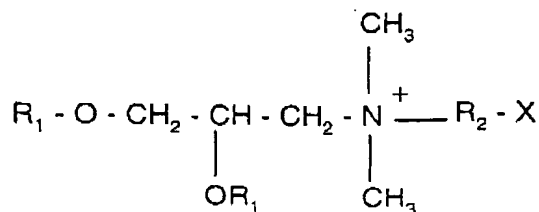


ABSTRACT

DNA vaccine - PCV

5 The invention relates to immunogenic preparations
or vaccines comprising, on the one hand, a plasmid
encoding and expressing a gene from PCV, in particular
selected from the group consisting of ORF1 of PCV-2,
ORF2 of PCV-2, ORF1 of PCV-1 and ORF2 of PCV-1, and,
10 on the other hand, an element capable of increasing the
immune response directed against the product of
expression of the gene, which can be a carbomer, a
porcine cytokine, e.g. GM-CSF or a cationic lipid of
formula

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in which R₁ is a saturated or unsaturated linear
aliphatic radical having from 12 to 18 carbon atoms, R₂
is another aliphatic radical comprising from 2 to 3
20 carbon atoms, and X is an hydroxyle ou amine group.
The cationic lipid can be DMRIE, possibly coupled with
DOPE.

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